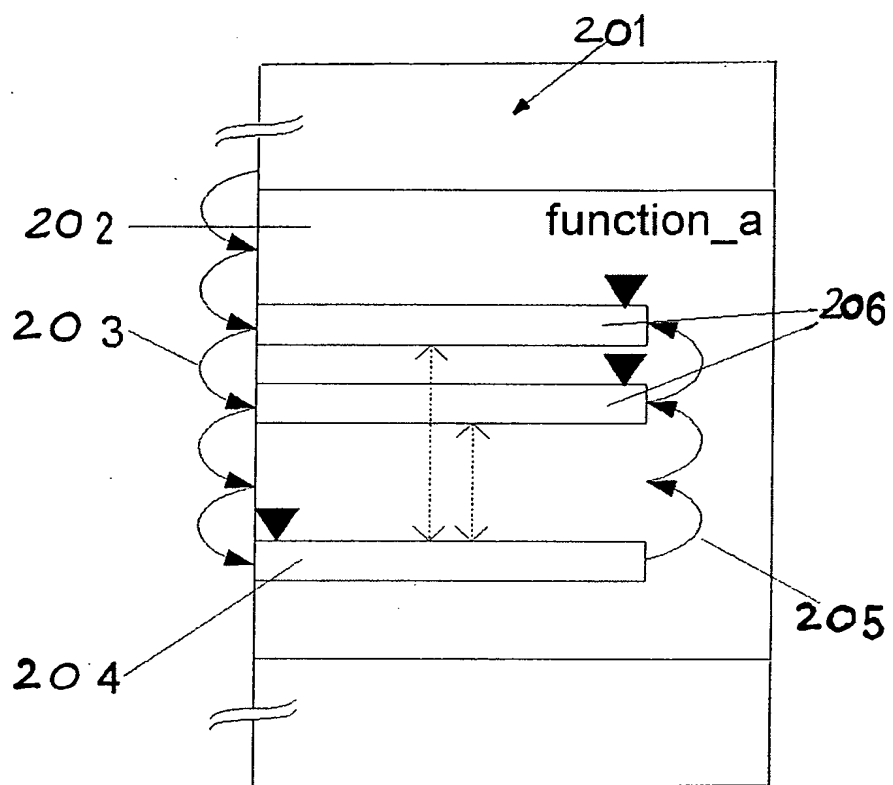


Fig. 1



**Fig. 2**

Trigger condition for determining store instructions

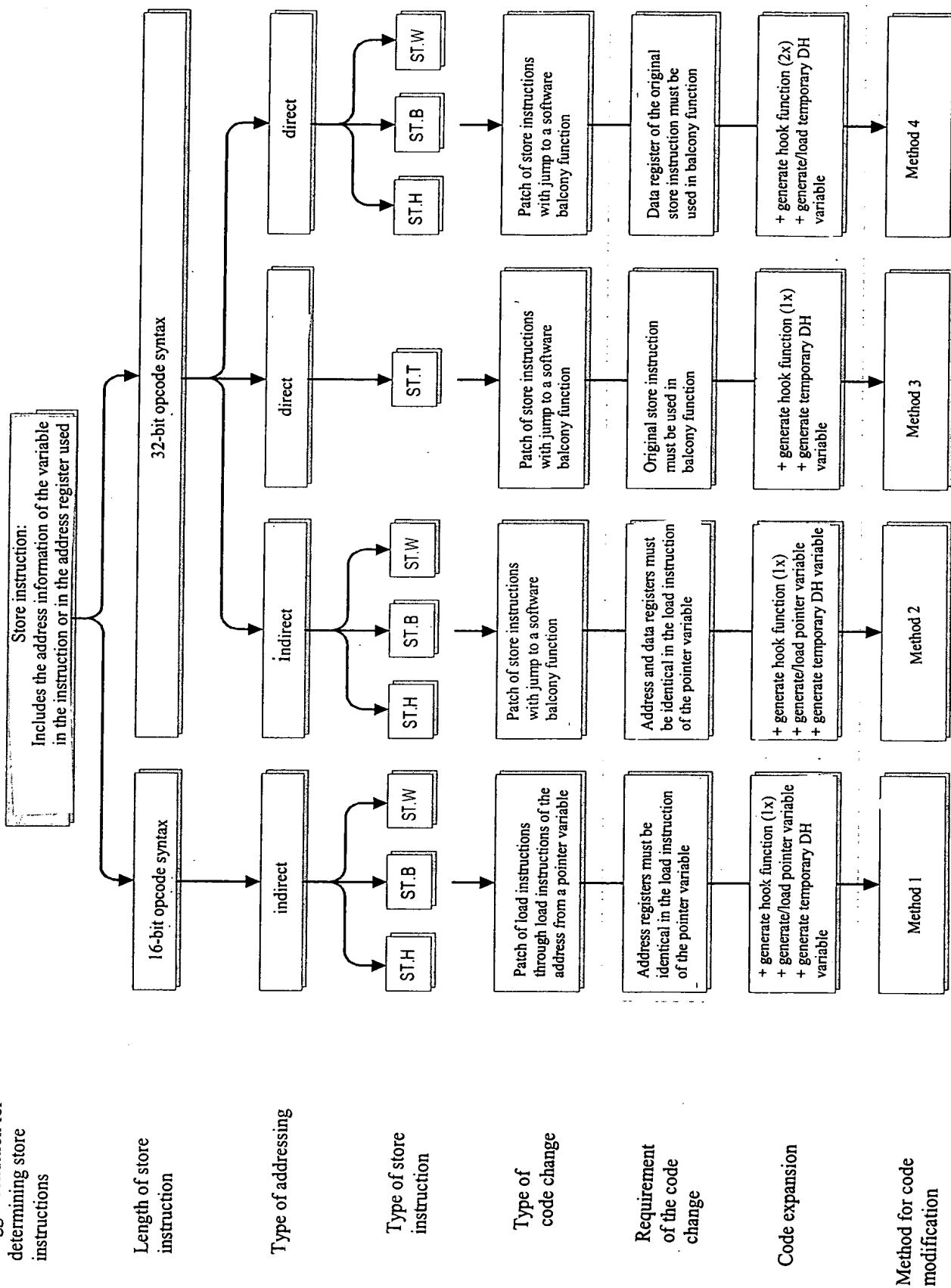


FIG. 3

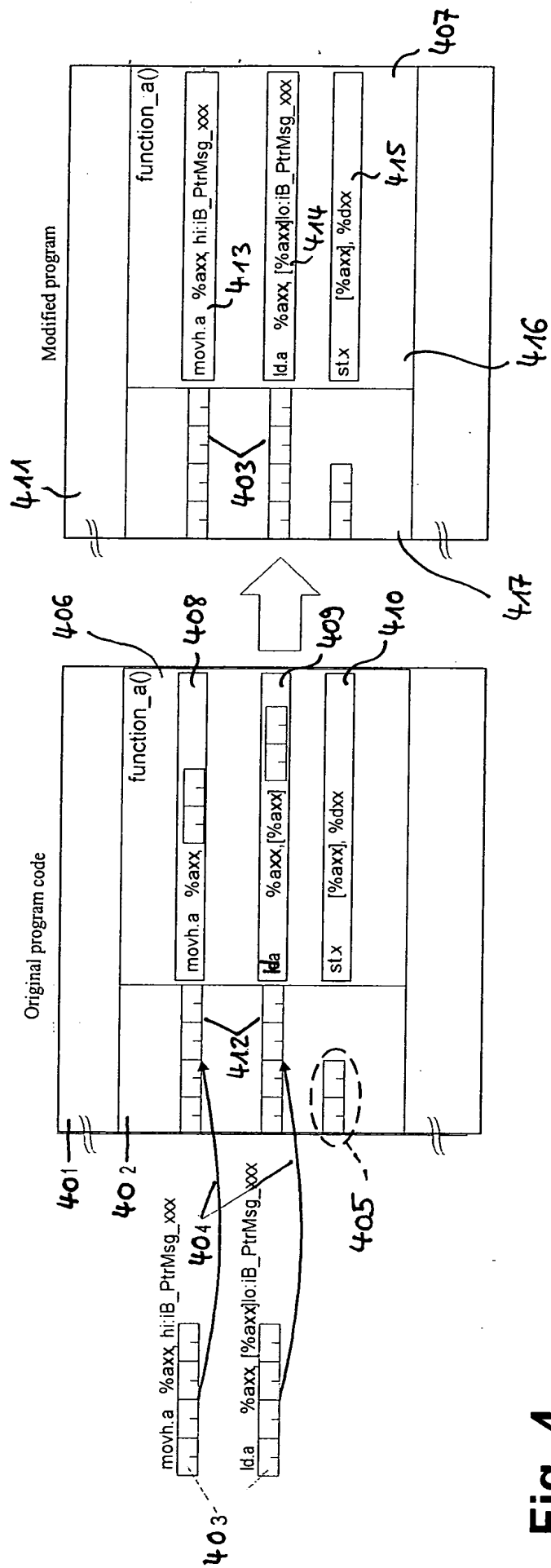
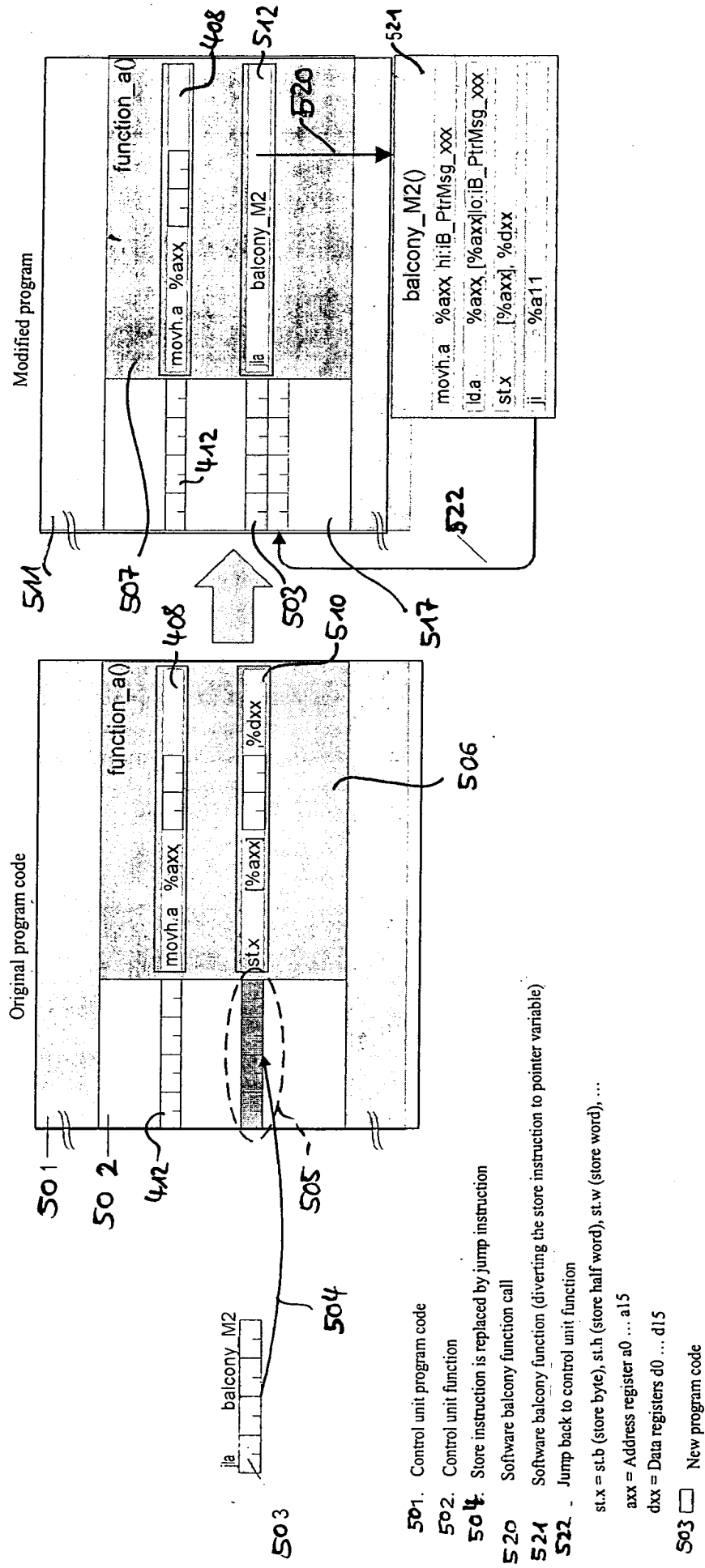


Fig. 4



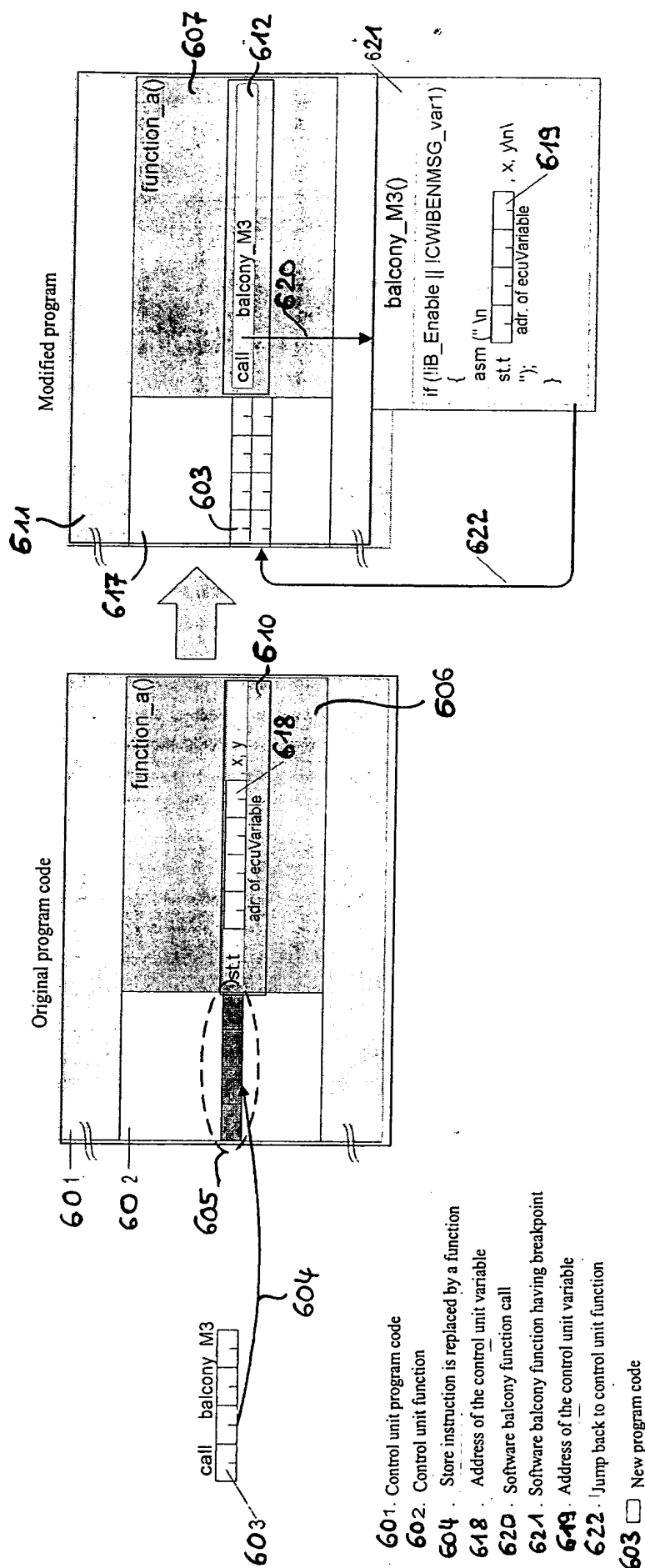


Fig. 6

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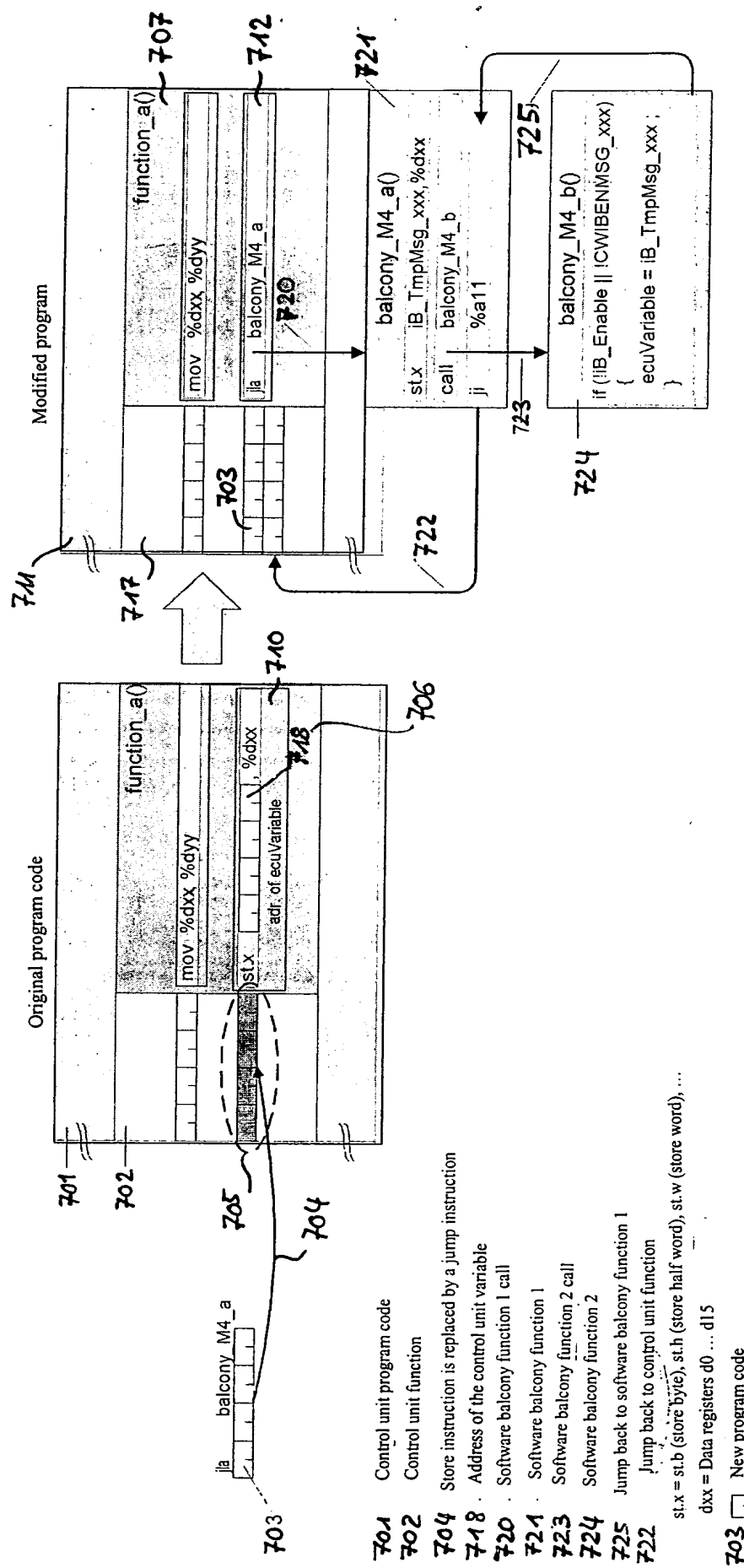


Fig. 7

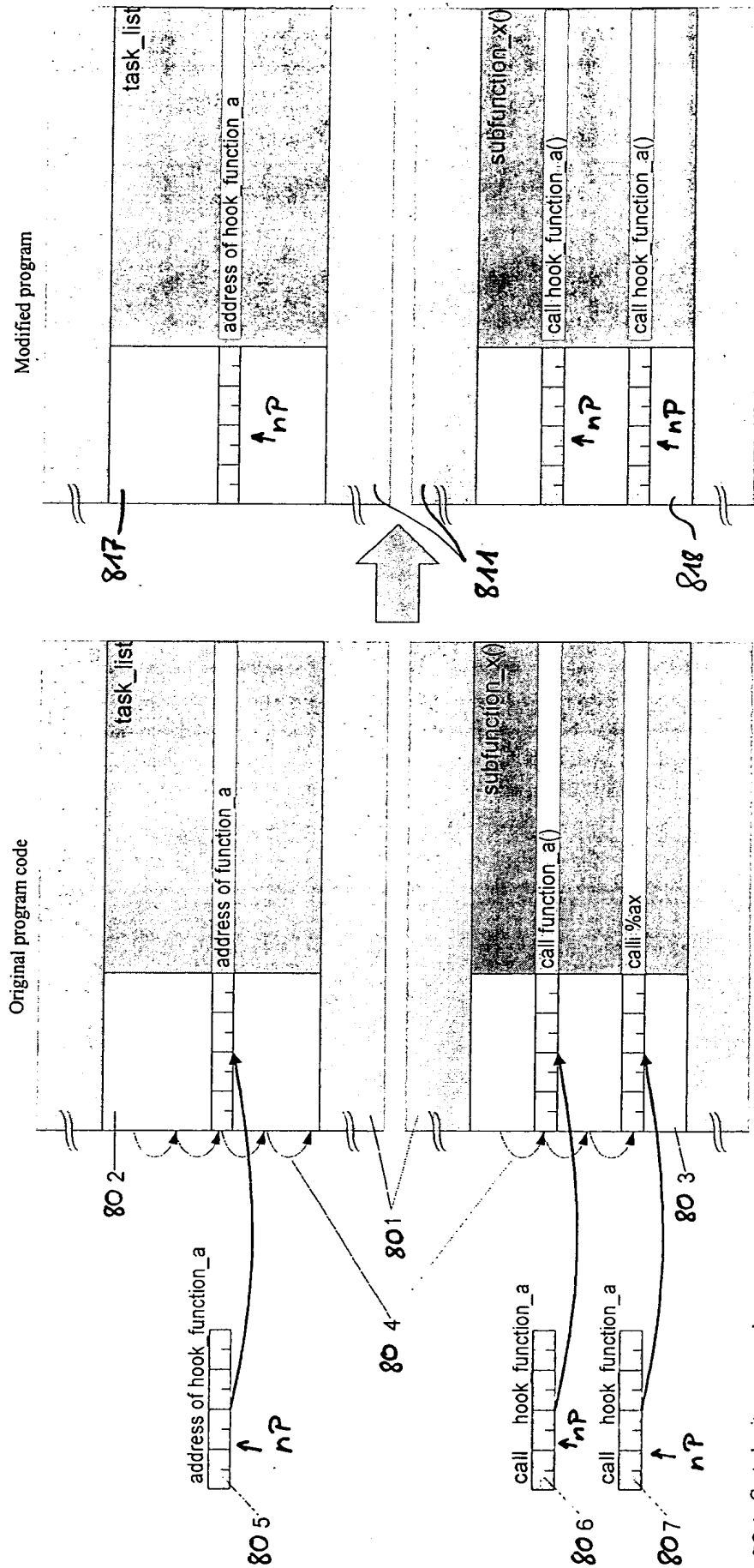
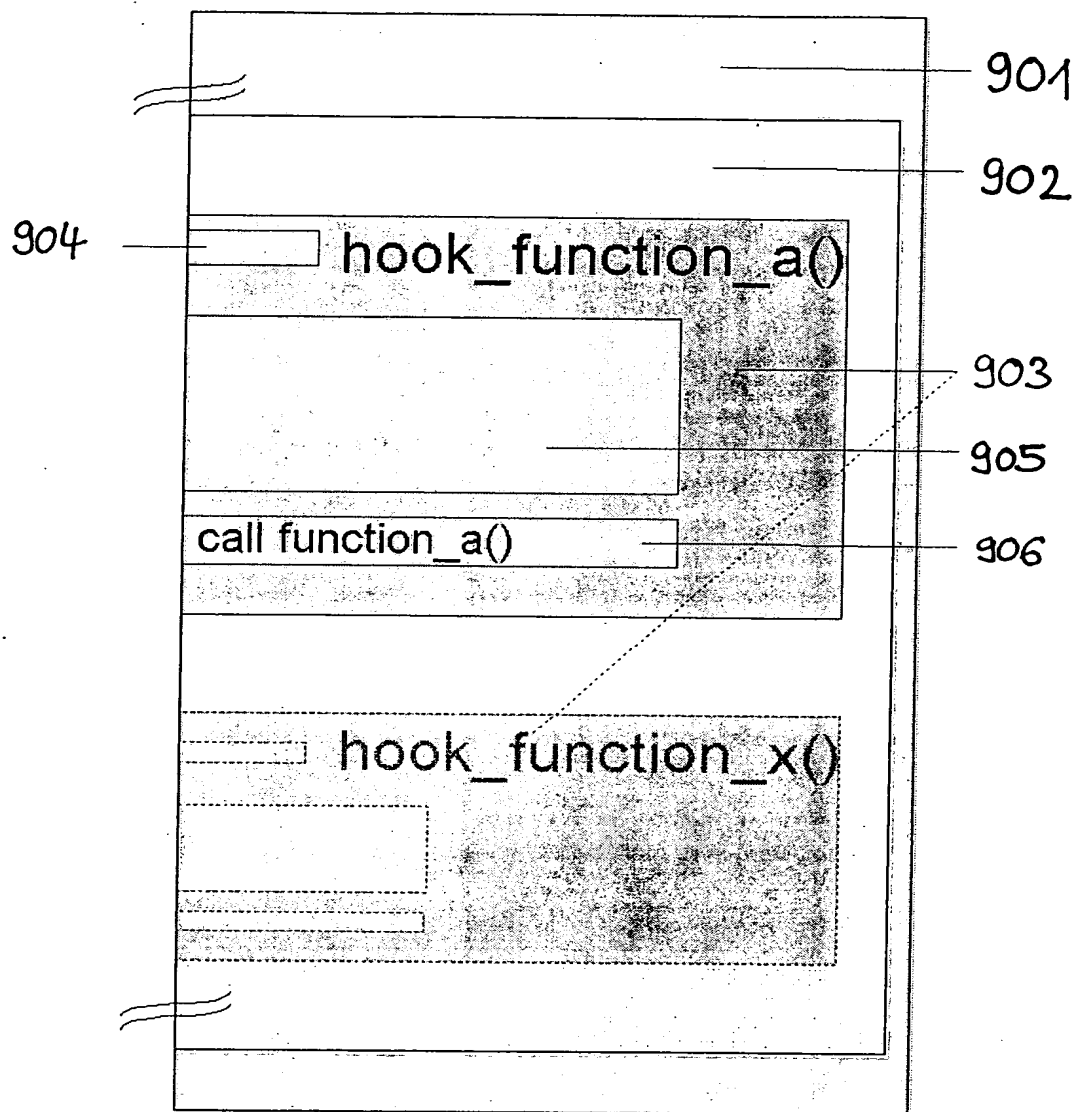


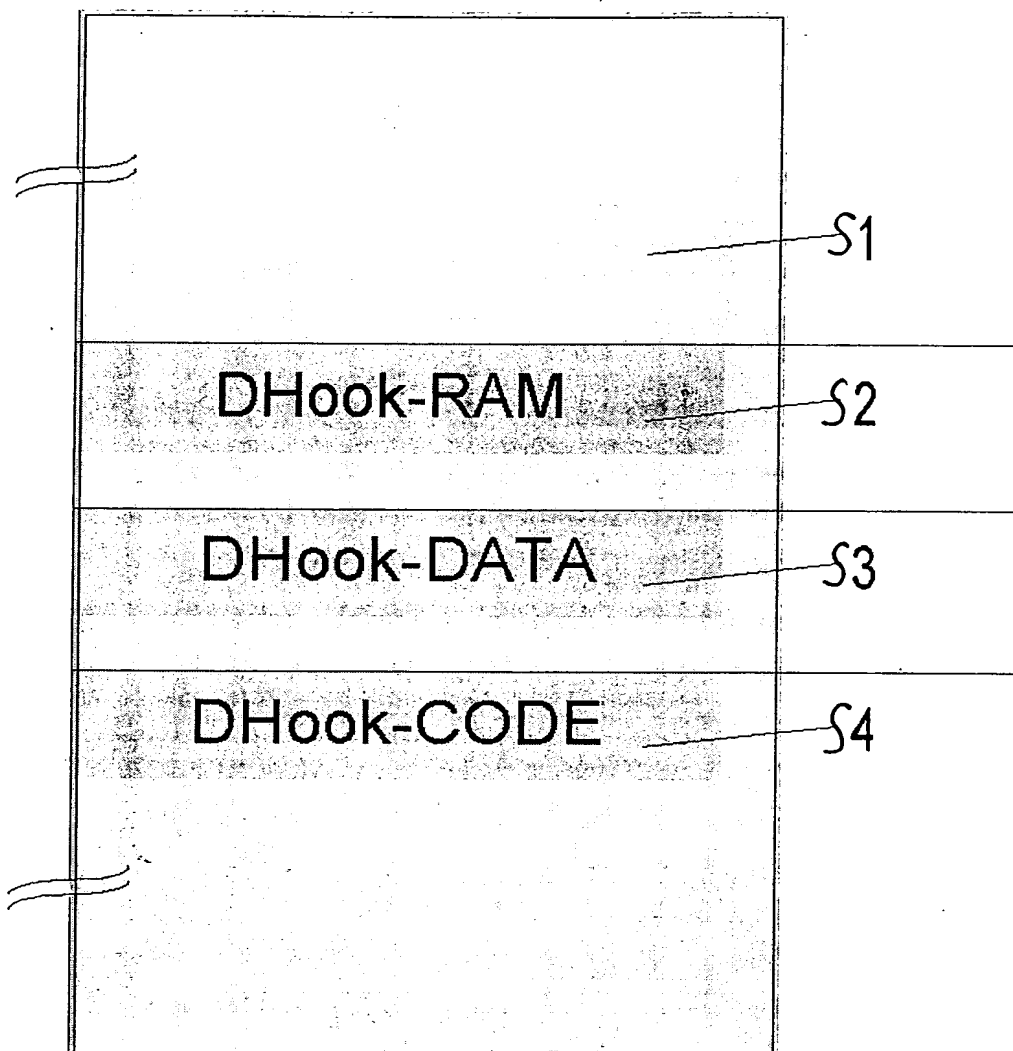
Fig.8

- 80 1. Control unit program code
- 80 2. Task list
- 80 3. Subfunction
- 80 4. Procedure for determination of function addresses and function calls
- 80 5. Address of function\_a is replaced by address of hook\_function\_a
- 80 6. Function call of function\_a is replaced by call of hook\_function\_a
- 80 7. Indirect function call of function\_a is replaced by call of hook\_function\_a (32-bit instruction)
- 80 8. New program code

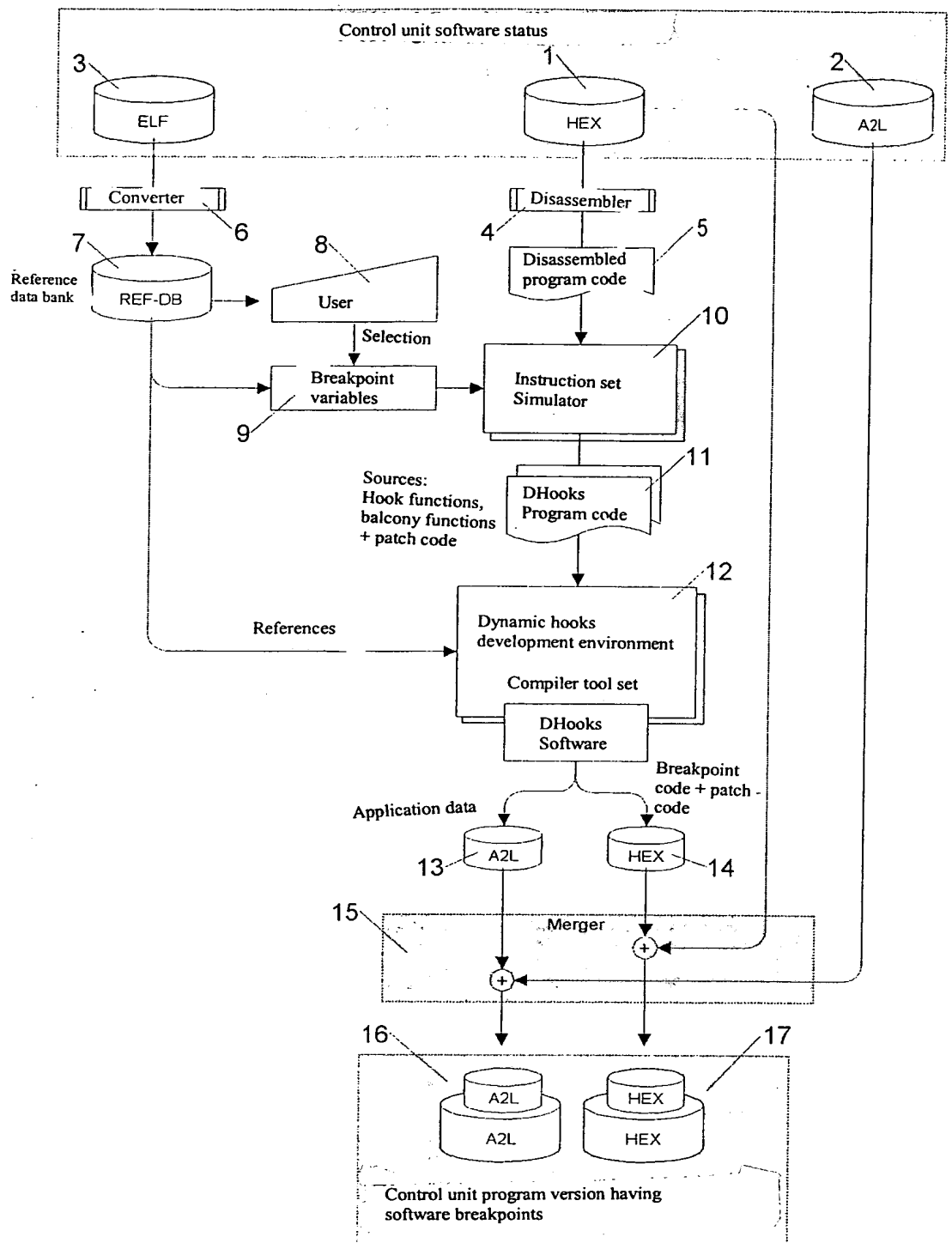




**Fig. 9**



**Fig. 10**



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Fig. 11